

Title (en)
Programmable filter for removing stuffing bits from an MPEG-2 bit-stream

Title (de)
Programmierbarer Filter für die Entfernung von Stopfbits in einem MPEG-2-Bitstrom

Title (fr)
Filtre programmable pour la suppression de bits de bourrage dans un flux de données de type MPEG-2

Publication
EP 0993201 A2 20000412 (EN)

Application
EP 99119155 A 19991006

Priority
US 16979198 A 19981009

Abstract (en)
An MPEG-2 video decoder which identifies and removes stuffing data from an MPEG-2 bit-stream before storing the bit-stream into the VBV buffer of the decoder. The decoder monitors the MPEG-2 bit-stream for successive groups of zero-valued bytes. When a sequence of successive of zero-valued bytes is encountered that is greater than a programmed maximum length the decoder identifies the sequence as stuffing data and inhibits any further zero-valued bytes from being passed until the next non-zero valued byte is encountered. The decoder specifies two maximum length values, one for the number of stuffing bytes which may precede a Slice start code and the other for the number of stuffing bytes which may precede a non-Slice code. These values may be changed during the decoding operation by a microprocessor. <IMAGE>

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IPC 8 full level
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